

# Automated Manual Server and VM Deployments

## CASE STUDY

**Danske Bank**

### INDUSTRY

Financial Services

### INTEGRATION

On-premises private cloud

### USE CASES

Configuration management

## About Danske Bank

One of the largest financial institutions in the Nordic countries, Danske Bank is currently present in 16 countries with 245 branches and over 20,000 employees.

## Business Issue

Danske moved from manual to automated configuration and deployment of Linux servers and virtual machines which helps them to rapidly deliver secure and seamless digital customer solutions.

## Business Challenge

Before Chef, the process for provisioning a Linux server or a virtual machine was manual, time-consuming, and difficult to scale effectively. Because there was no programmatic way to apply or validate server configurations, setup tasks were manual and error-prone, and verification was rudimentary.

## Solution

Deploy Chef and develop cookbooks to automate provisioning, implementing Chef InSpec to test and ensure the efficacy of cookbooks as they are developed.

## Impact

Danske Bank is now able to fully automate its server and VM provisioning and updates.

This process:

- Reduced deployments from days to minutes
- Enabled changes to be made to the policy that manages collective configurations, instead of a system-by-system basis
- Allowed teams to spend less time repeating work, applying it consistently which reduced the chance for configuration drift due to human error

**“Some users have become so comfortable with Chef they put requests to our own cookbooks to improve them. We now have a Chef community inside the bank.”**

**Liudas Baksys,**  
Development Manager,  
Danske Bank